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ABSTRACT

Demographic and health data on Glenville, one of the major distressed inner-city areas of Cleveland, were brought together to identify health needs and develop the resources and services necessary to meet these needs. The lack of physicians and primary health care programs in the area is compounded by the large number of low-income and public assistance families. City and county health programs involve a small number of specialized services with limited impact on the total population. Environmental problems, especially housing, the degrees of resident health knowledge, and the existence of nutritional deficiencies are a few of the problems which should be carefully examined. Maps, tables, and graphs are used to present the material. (MS)

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GLENVILLE: A Health Profile

Metropolitan Health Planning Corporation
908 Standard Building
Cleveland, Ohio 44113

September 1971

CE 000 079

GLENVILLE:
A Health Profile

INTRODUCTION

The Metropolitan Health Planning Corporation as the areawide, comprehensive health planning organization for Cuyahoga, Geauga, Lake and Medina Counties is undertaking the task of compiling a series of community health profiles in response to the urgent need for community and neighborhood health-problem identification and solution, particularly within the inner city.

Glenville was chosen as the topic of this profile because it is one of the major distressed inner-city areas of Cleveland. It is also an area on which there is a substantial amount of uncompiled health data available. It is brought together for the first time in this profile.

Previously, the data was part of information compiled and published only on an areawide, countywide, or citywide basis, not all of which the general public has immediate access to.

By providing relevant demographic and health data on Glenville, it is hoped that the residents of this community, together with appropriate providers, will be in a better position to identify health needs and to develop the resources and services necessary to meet these needs.

LEE J. PODOLIN
Executive Director

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I. OBSERVATIONS

Meaningful data on the health status of Glenville residents and on the health care they receive is meager. In addition, the available data cannot be readily correlated because of the lack of agreement among data collecting agencies on how the area should be defined.

Certain conditions, however, are immediately obvious from the data which has been assembled:

1. Glenville's population, as well as Cleveland's, has been declining since 1960. As a percent of the entire population of the City of Cleveland, it has remained relatively constant since 1940, representing approximately 10% of the City's total. As a percent of the population of Cuyahoga County, Glenville's population has declined from 6.7% in 1940 to 4.7% in 1970. This represents a population shift from urban to suburban areas.

   Between 1940 and 1970, the non-white population of Glenville has grown from 6.4% to 96.5%.

   The child population, under the age of 15 years, has increased by 18% during the period 1960 to 1965, so that in 1965 it represented 37% of the area's population. During the same period, the population of all other age groups has dropped. The most dramatic change occurred in the age group 65 and over, which declined by 28%. This age group represented 6% of the area's population in 1970.

2. The average Glenville resident receives less schooling, has a lower family income, and has a greater chance of being unemployed and of receiving public assistance, than the average resident of Cuyahoga County.

   The number of public assistance cases in Glenville is disproportionately higher than those in the City of Cleveland and Cuyahoga County. This is particularly evident when comparison is made with the City and County regarding the category of Aid to Dependent Children.

3. Almost 99% of all housing in Glenville was constructed before 1939. Only 67 new homes of the 1,989 units existing in 1960 were built during the period 1950 to 1960. Deteriorating or dilapidated housing units represented 11.27% of all housing in Glenville in 1960.

4. When a resident of Glenville becomes a mother, her offspring has a greater chance of being born premature, or being stillborn, or dying within either the first 28 weeks or year of life than does a child born to a mother residing elsewhere in Cleveland or Cuyahoga County.

5. There are 21 physicians who record practices in Glenville. This represents a ratio of one physician to every 4,000 residents of the

area. Of these physicians, 16 are engaged in primary care, i.e. general practice, pediatrics, obstetrics-gynecology, and internal medicine. Two of Glenville's physicians are without privileges at any of the City or County public or private hospitals. Access to inpatient hospital care is obviously hindered for those residents receiving care from these two physicians.

6. The primary sources of inpatient care for Glenville residents are University Hospitals, Mt. Sinai Hospital, Forest City Hospital, and Cleveland Metropolitan General Hospital. Three of these hospitals are located outside of Glenville.

   Although not evident in the collected data, there is limited public transportation to both private practitioners and health facilities outside the area.

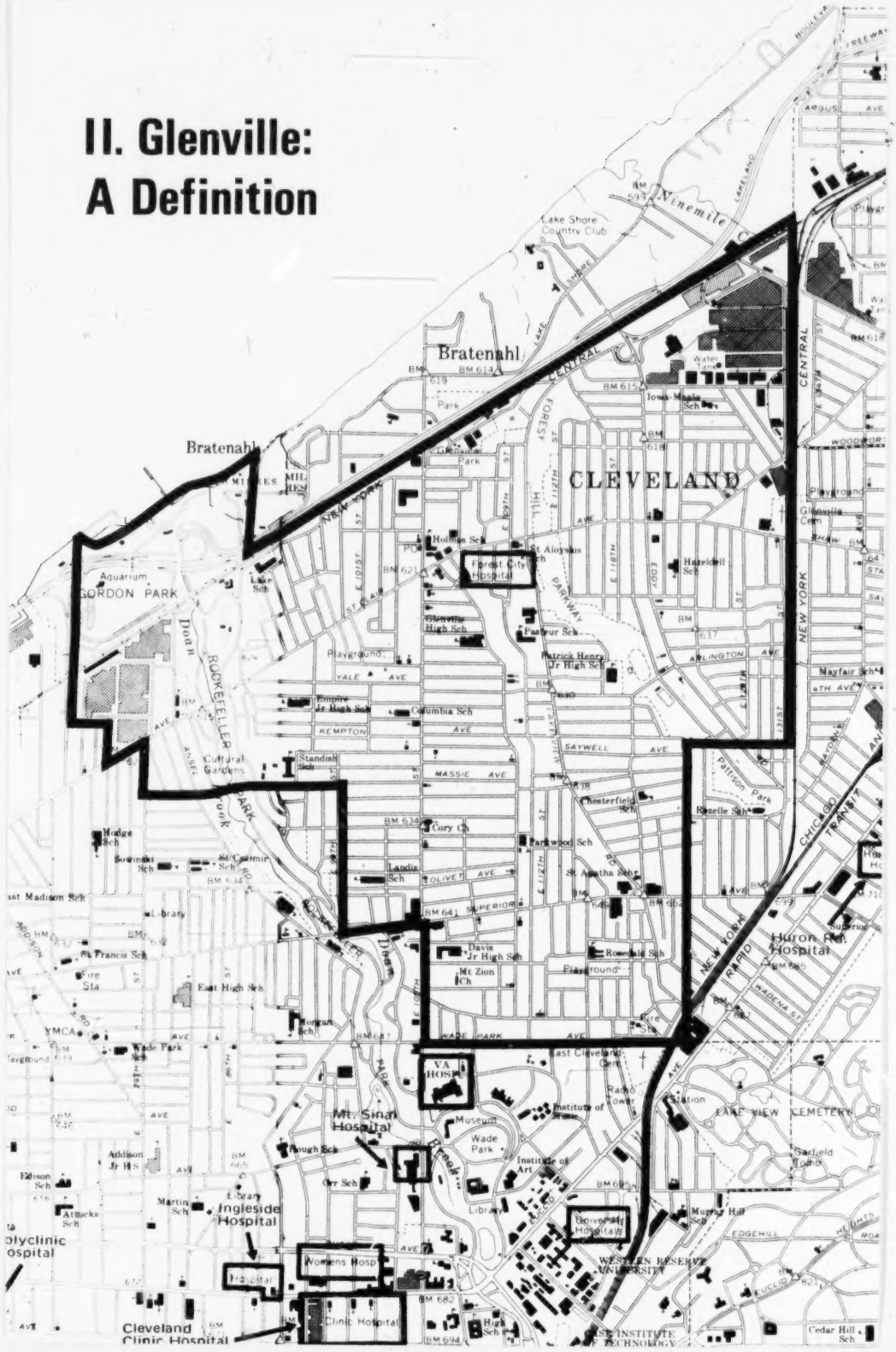
Conclusions

The data on Glenville underscores certain difficulties faced by residents in attempting to maintain and improve their health status. The lack of physicians and primary health care programs in the area is compounded by the large number of low income and public assistance families residing in Glenville. Both the City and County governments operate health programs in the area, but these involve a small number of specialized services, which have a limited impact on the total population of the area. The continued existence of these programs has been tenuous, because of financial and other difficulties.

Aside from the problems of obtaining primary and personal health care, there are strong indications of other health problems, which need to be further explored. Environmental problems, especially housing, the degree of resident health knowledge, and the existence of nutritional deficiencies, are a few of the problems which should be carefully examined.

It is hoped that this document will provide a basis for the further examination of Glenville's health problems and their eventual solution.

II. Glenville: A Definition


Bratenahl
Bratenahl
CLEVELAND
Lake Shore Country Club
Vinemile
NEW YORK CENTRAL
GORDON PARK
Aquarium
Doan Brook
ROCKEFELLER PARK
Cultural Gardens
Forest City Hospital
Empire Jr High Sch
Columbia Sch
Standish Sch
Lapdia Sch
Cory Ch
Parkwood Sch
Davis Jr High Sch
Mt Zion Ch
Rosedale Sch
Chesterfield Sch
Rozelle Sch
Patrick Henry Jr High Sch
Hazeldell Sch
Mayfair Sch
Playground
Library
Fire Sta
East High Sch
YMCA
Wade Park
VA HOSP
Mt. Sinai Hospital
Wade Park
Museum
Institute of Art
Library
Ingleside Hospital
Womens Hosp
Clinic Hospital
Cleveland Clinic Hospital
University Hospitals
WESTERN RESERVE UNIVERSITY
CASE INSTITUTE OF TECHNOLOGY
Huron Rd. Hospital
LAKE VIEW CEMETERY
Garfield Tomb
Cedar Hill Sch
Murray Hill Sch
Iowa Maple Sch
Glenville Cem
Patrick Henry Jr High Sch
Mayfair Sch
Rozelle Sch
Parkwood Sch
Chesterfield Sch
Roesdale Sch
Davis Jr High Sch
Mt Zion Ch
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Cory Ch
Columbia Sch
Empire Jr High Sch
Standish Sch
Cultural Gardens
Forest City Hospital
Holmes Sch
St Aloysius
Hazeldell Sch
Glenville High Sch
Pasteur Sch
Patrick Henry Jr High Sch
Playground
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Aquarium
Doan Brook
ROCKEFELLER PARK
Lodge Sch
St Casimir
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Fire Sta
East High Sch
YMCA
Wade Park
Morgan Sch
Addison Jr H S
Edison Sch
Attucks Sch
Martin Sch
Library
Ingleside Hospital
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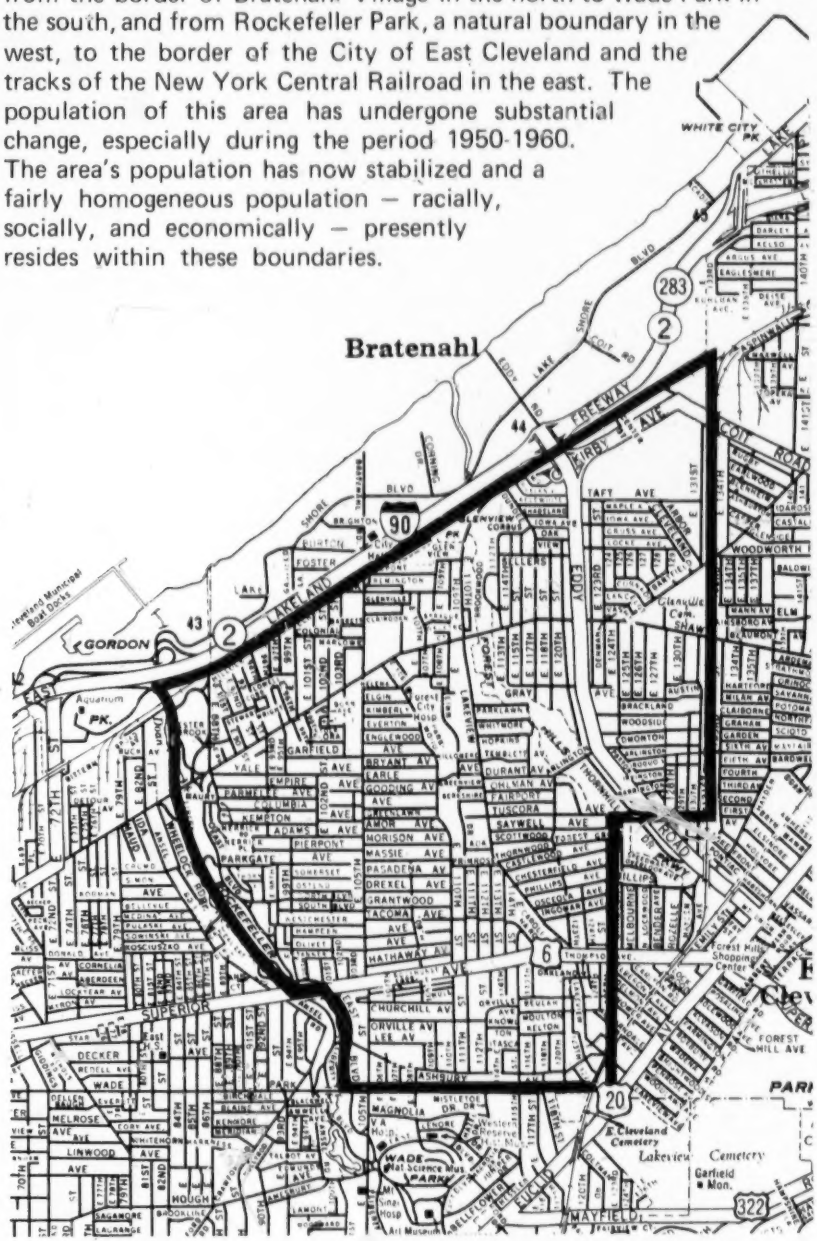
Iowa Maple Sch
Glenville Cem
Playground
Rozelle Sch
Mayfair Sch
Patrick Henry Jr High Sch
Hazeldell

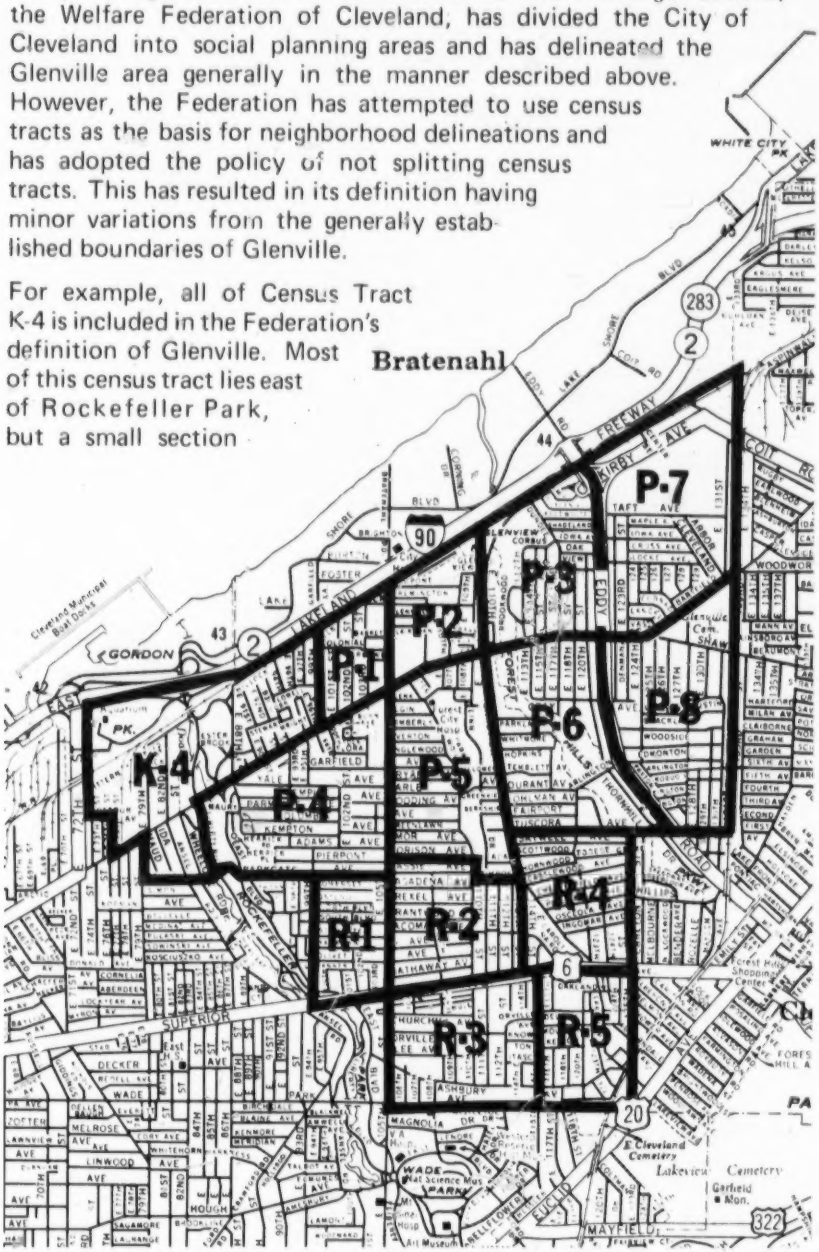
GLENVILLE AREA – A DEFINITION

Residents of Glenville have historically defined the area as extending from the border of Bratenahl Village in the north to Wade Park in the south, and from Rockefeller Park, a natural boundary in the west, to the border of the City of East Cleveland and the tracks of the New York Central Railroad in the east. The population of this area has undergone substantial change, especially during the period 1950-1960. The area's population has now stabilized and a fairly homogeneous population – racially, socially, and economically – presently resides within these boundaries.



In addition to the traditional definition of the area by residents of Glenville, various community organizations interested in data gathering and planning have also defined the area. One of the organizations, the Welfare Federation of Cleveland, has divided the City of Cleveland into social planning areas and has delineated the Glenville area generally in the manner described above. However, the Federation has attempted to use census tracts as the basis for neighborhood delineations and has adopted the policy of not splitting census tracts. This has resulted in its definition having minor variations from the generally established boundaries of Glenville.

For example, all of Census Tract K-4 is included in the Federation's definition of Glenville. Most of this census tract lies east of Rockefeller Park, but a small section



(continued from page 5)

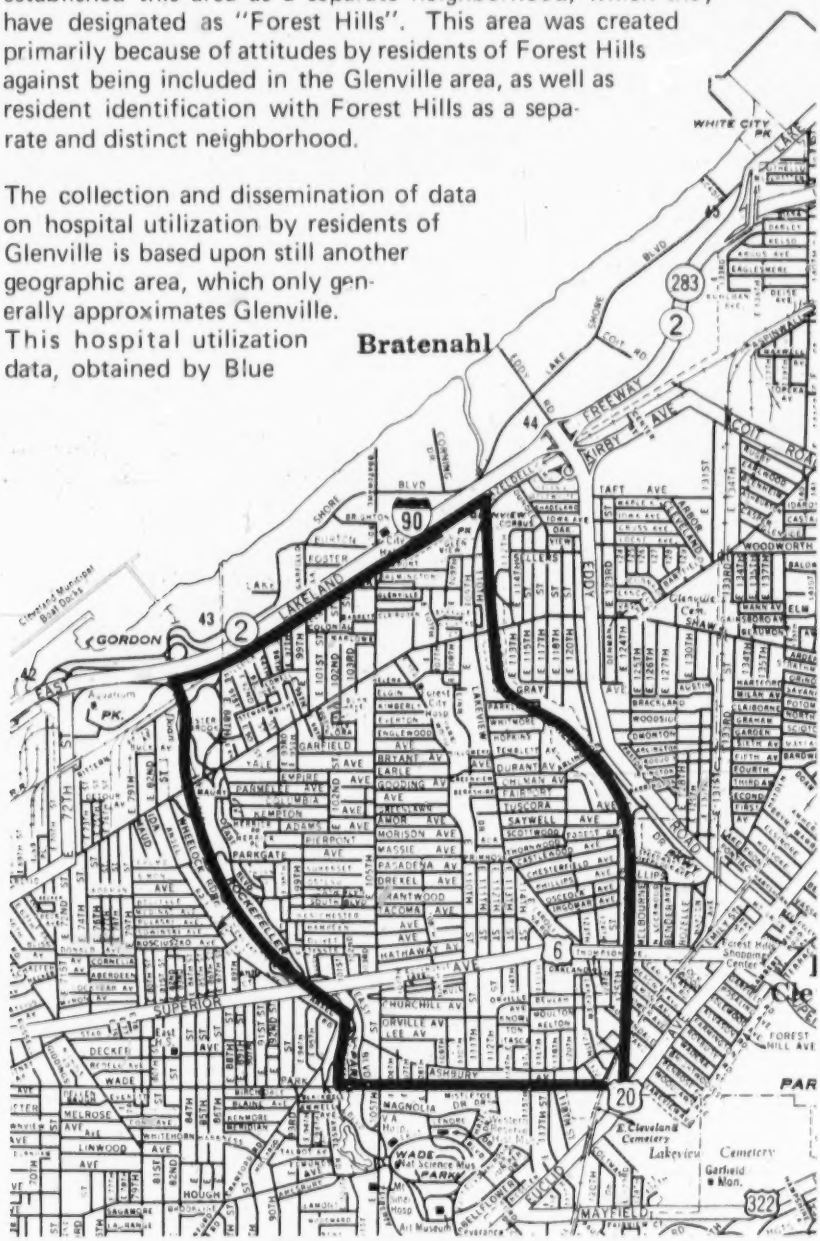
lies west of Rockefeller Park in what is generally known as the Norwood area. This section, bounded by 72nd, 76th, and 79th streets on the west and by Detour Avenue, St. Clair Avenue, and Crumb Street on the south, has a basically white, ethnic population.

In addition, the policy of using only entire census tracts has excluded two small sections from what is generally termed the Glenville area. These sections include one area south of Parkgate Avenue, west of East 99th Street and east of Rockefeller Park (part of Census Tract K-9), and another area south of Superior Avenue, west of East 105th Street and east of Rockefeller Park (part of Census Tract R-6).

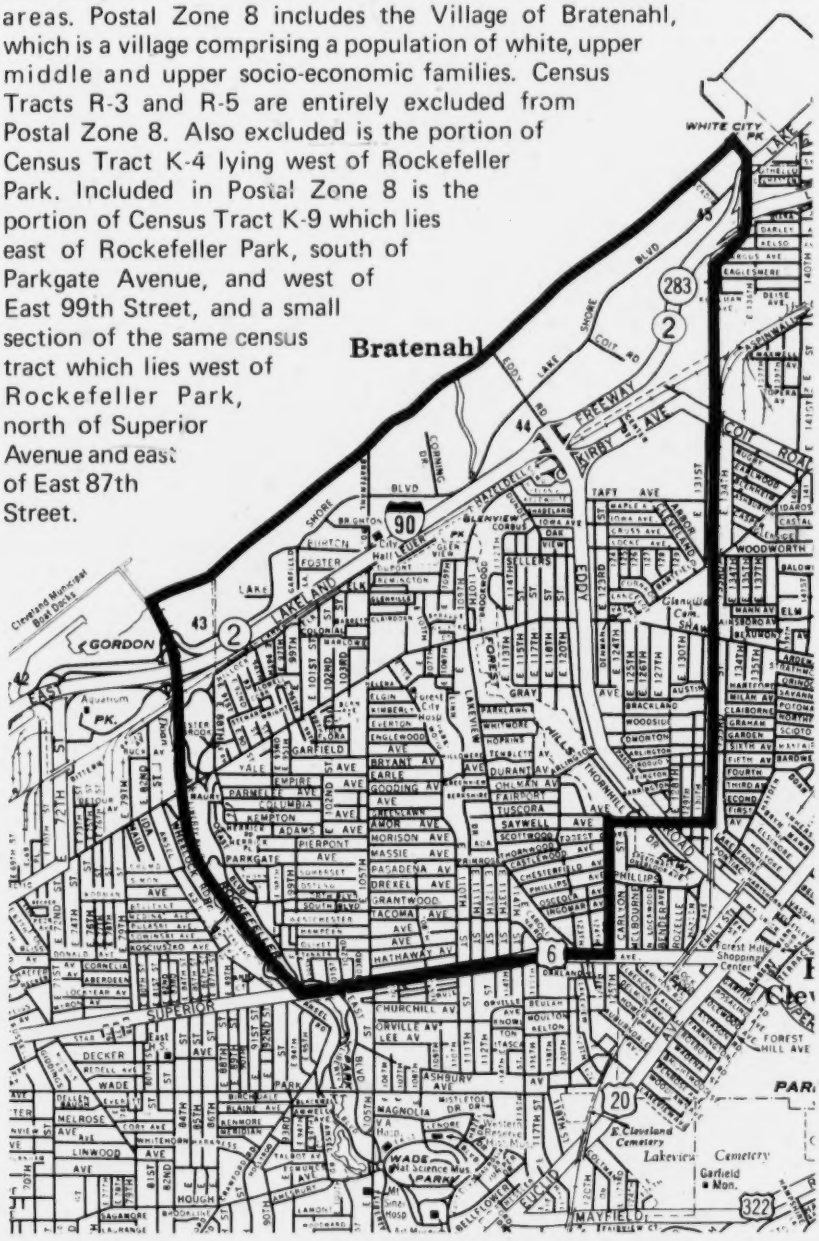
Another community agency, the City of Cleveland's Community Development Department, has also defined Glenville for planning purposes. This department's policy is to rely heavily upon resident identification and natural boundaries as a basis for area definition, and to split census tracts when necessary. The Community Development Department's definition of Glenville extends southward from the Village of Bratenahl to Wade Park, and eastward from Rockefeller Park to Forest Hills Parkway, a natural boundary, and the border of the City of East Cleveland. This excludes from Glenville a large area bounded by Forest

Hills Parkway on the west and the border of the City of East Cleveland on the east (Census Tracts P-7 and P-8, and parts of Census Tracts P-3 and P-6). The Community Development Department has established this area as a separate neighborhood, which they have designated as "Forest Hills". This area was created primarily because of attitudes by residents of Forest Hills against being included in the Glenville area, as well as resident identification with Forest Hills as a separate and distinct neighborhood.

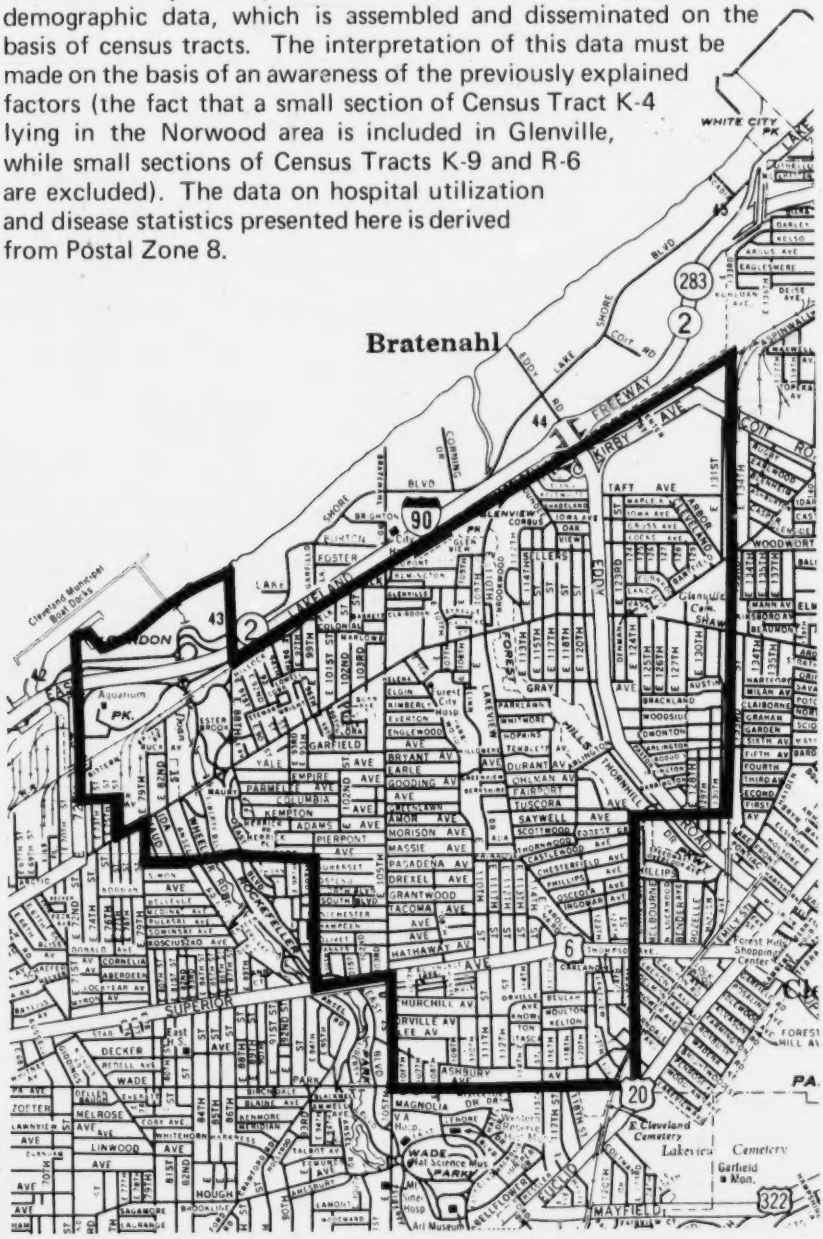
The collection and dissemination of data on hospital utilization by residents of Glenville is based upon still another geographic area, which only generally approximates Glenville. This hospital utilization data, obtained by Blue



Cross of Northeast Ohio's QUEST Program, is assembled and disseminated on the basis of postal zones and not census tracts. Postal Zone 8 is the postal zone which most nearly approximates Glenville. However, there are substantial differences between the two areas. Postal Zone 8 includes the Village of Bratenahl, which is a village comprising a population of white, upper middle and upper socio-economic families. Census Tracts R-3 and R-5 are entirely excluded from Postal Zone 8. Also excluded is the portion of Census Tract K-4 lying west of Rockefeller Park. Included in Postal Zone 8 is the portion of Census Tract K-9 which lies east of Rockefeller Park, south of Parkgate Avenue, and west of East 99th Street, and a small section of the same census tract which lies west of Rockefeller Park, north of Superior Avenue and east of East 87th Street.



The material presented in this Profile, with few exceptions, is based on the Welfare Federation definition of Glenville. This definition of Glenville was used primarily because of the availability of population and demographic data, which is assembled and disseminated on the basis of census tracts. The interpretation of this data must be made on the basis of an awareness of the previously explained factors (the fact that a small section of Census Tract K-4 lying in the Norwood area is included in Glenville, while small sections of Census Tracts K-9 and R-6 are excluded). The data on hospital utilization and disease statistics presented here is derived from Postal Zone 8.



III. THE POPULATION

TABLE I: TOTAL POPULATION OF THE GLENVILLE AREA, BY CENSUS TRACT 1940, 1950, 1960, 1965 and 1970*

	1940	1950	1960	1965	1970
Cuyahoga County	1,217,250	1,389,532	1,647,895	1,732,100†	1,721,300
City of Cleveland	878,336	914,808	876,050	810,858	750,903
Glenville Area	82,053	84,090	86,008	85,441	78,699
K-4	6,550	6,302	6,673	6,496	5,511
P-1	3,059	2,965	3,577	3,367	3,048
P-2	3,142	3,140	3,644	3,505	3,399
P-3	4,852	4,660	4,486	5,329	4,775
P-4	7,822	8,672	8,432	7,519	7,273
P-5	9,873	10,032	10,470	9,997	8,905
P-6	8,443	7,871	8,550	9,139	8,385
P-7	4,390	4,257	3,912	4,567	4,911
P-8	8,731	8,505	7,839	9,495	8,771
R-1	4,485	5,631	4,904	4,241	4,052
R-2	6,229	7,349	6,784	6,142	5,561
R-3	6,042	6,436	7,081	6,595	6,111
R-4	4,184	4,203	4,923	4,649	4,015
R-5	4,251	4,067	4,733	4,400	3,982

* U.S. Department of Commerce, Bureau of the Census, **U.S. Censuses of Population and Housing, 1940, 1950, 1960, 1970**; and **Special Census of Cleveland, Ohio**, April 1, 1965.

† 1966 Estimate – **Need for Subsidized Family Planning Services: United States, Each State and County, 1968.** U.S. Department of Commerce, Bureau of the Census, as cited by Center for Family Planning Program Development.

TABLE II: POPULATION TRENDS IN GLENVILLE BY AGE AND CENSUS TRACT*

CENSUS TRACTS	Under 15 Years		15 to 44 Years		45 to 64 Years		65 Years +		Total Population	
	1960	1965	1960	1965	1960	1965	1960	1965	1960	1965
City of Cleveland	252,886	244,585	363,362	314,176	183,829	170,832	70,927	81,265	876,050	810,858
Glenville	26,910	31,836	36,457	33,944	15,134	13,959	7,207	5,182	86,008	85,441
K-4	2,245	2,533	3,028	2,557	403	1,079	403	327	6,673	6,496
P-1	1,410	1,487	1,599	1,309	489	455	99	16	3,577	3,367
P-2	1,375	1,416	1,421	1,442	482	523	205	124	3,644	3,505
P-3	1,253	2,077	1,784	2,381	903	684	321	187	4,486	5,329
P-4	2,629	2,520	3,637	2,859	1,552	1,555	584	585	8,432	7,519
P-5	3,521	3,847	4,261	3,846	1,646	1,525	712	779	10,470	9,997
P-6	2,665	3,508	3,762	3,992	1,506	1,292	617	347	8,550	9,139
P-7	1,037	1,842	1,481	1,954	1,091	539	1,267	232	3,912	4,567
P-8	1,970	3,814	3,026	3,227	1,708	1,119	1,135	335	7,839	9,495
R-1	1,398	1,335	2,147	1,611	1,010	951	352	818	4,904	4,241
R-2	2,032	1,958	2,887	2,346	1,262	1,353	493	485	6,784	6,142
R-3	2,087	2,260	3,141	2,618	1,391	1,304	462	413	7,081	6,595
R-4	1,526	1,439	2,273	2,071	970	892	305	247	4,923	4,649
R-5	1,762	1,800	3,010	1,731	721	688	252	287	4,733	4,400
Age Group as a Percent of Total Glenville	31.4%	37.4%	42.5%	39.9%	17.6%	16.5%	8.5%	6.2%	100%	100%
Percent Change in Glenville Age Group 1960-65	+18.3%		-6.9%		-7.8%		-28.1%		-7.9%	
Glenville as a Percentage of Cleveland Total	10.6%	13.0%	10.0%	10.8%	8.2%	8.2%	10.2%	6.4%	9.8%	10.5%

* U.S. Department of Commerce, Bureau of the Census, **1960 Census of Population** and **Special Census of Cleveland, Ohio**, April 1, 1965.

TABLE III: TOTAL POPULATION OF CUYAHOGA COUNTY, CLEVELAND AND GLENVILLE AND PERCENT OF WHITE AND NON-WHITE POPULATION OF GLENVILLE 1940, 1950, 1960, 1965, 1970*

Total Population	1940 Number	%	1950 Number	%	1960 Number	%	1965 Number	%	1970 Number	%
Cuyahoga County	1,217,250		1,389,532		1,647,895		1,732,100†		1,721,300	
City of Cleveland	878,336		914,080		876,050		810,858		750,903	
Glenville	82,053		84,090		86,008		85,441		78,699	
White Population	80,855	98.53	62,944	74.85	23,829	27.70	5,219	06.10	2,751	03.50
Non-White Population	1,198	01.47	21,146	25.15	62,179	72.30	80,222	93.90	75,948	96.50

* U.S. Department of Commerce, Bureau of the Census, **U.S. Censuses of Population and Housing, 1940, 1950, 1960, 1970**; and **Special Census of Cleveland, Ohio**, April 1, 1965.

† 1966 Estimate – **Need for Subsidized Family Planning Services: United States, Each State and County, 1968.** U.S. Department of Commerce, Bureau of the Census, as cited by Center for Family Planning Program Development.

GLENVILLE POPULATION TRENDS

(White, Non-White, and Total Population)

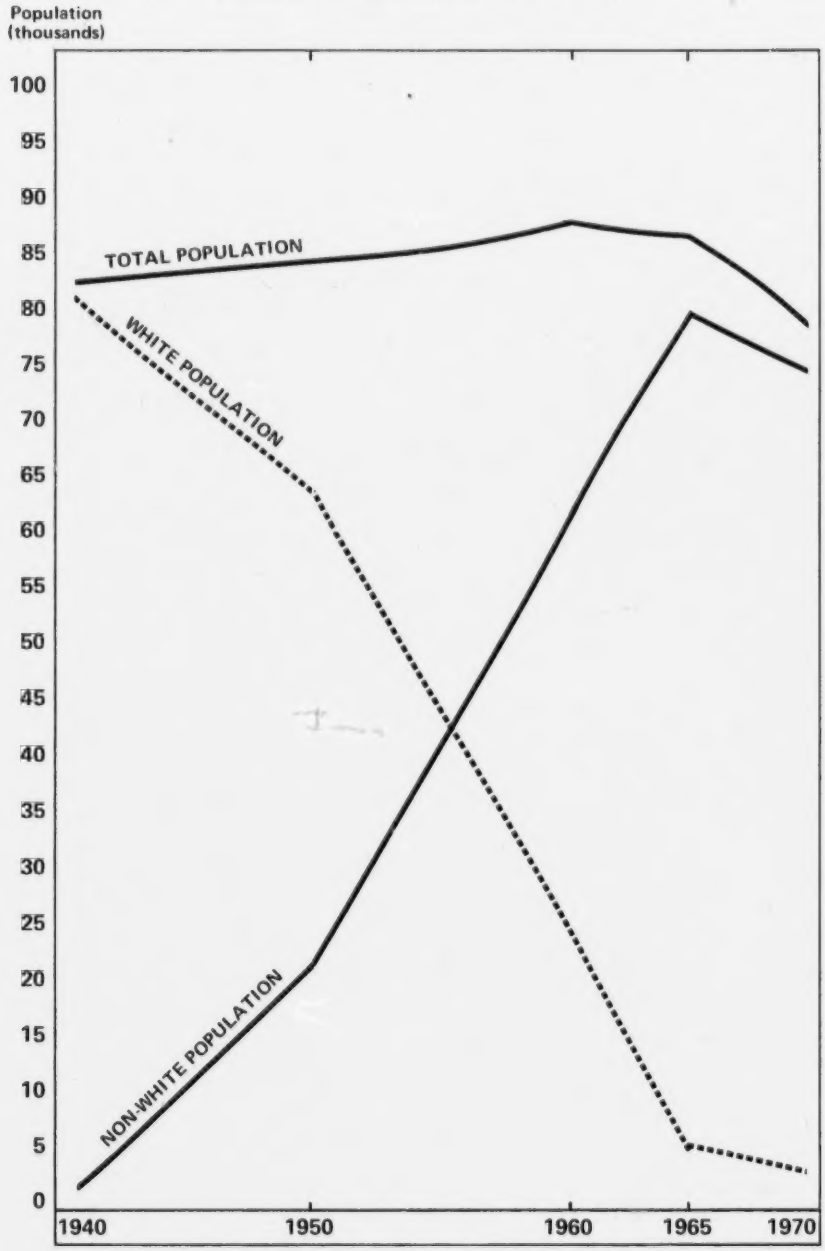


TABLE IV: TOTAL NUMBER OF PUBLIC ASSISTANCE CASES* IN GLENVILLE, CLEVELAND AND CUYAHOGA COUNTY, BY CATEGORICAL PROGRAMS; SEPTEMBER 1970

	All Cases All Programs	ADC Aid to Dependent Children	GR General Relief	AFA Aid for the Aged	AFD Aid for the Disabled	ADCU Aid for Dependent Children of Unemployed Adults	AFB Aid for Blind
Glenville	8,043	4,864	1,534	1,010	451	149	35
Cleveland (includes Glenville)	45,731	21,228	11,703	7,927	3,485	1,134	254
Glenville as a percent of Cleveland total	17.58	22.91	13.10	12.74	12.94	13.13	13.77
Cuyahoga County Cleveland (includes Glenville)	51,977	23,714	12,797	9,970	3,935	1,265	296
Glenville as a percent of Cuyahoga County total	15.47	20.51	11.98	10.13	11.46	11.77	11.82

RATIO OF 1970 PUBLIC ASSISTANCE CASES TO THE GENERAL POPULATION (1970 CENSUS)

Glenville 10.21%

Cleveland (includes Glenville). 6.09%

* Not total number of public assistance recipients. A public assistance case may involve more than one person.

TABLE V: GLENVILLE – 1960 HOUSING*

	K-4	P-1	P-2	P-3	P-4	P-5	P-6	P-7	P-8	R-1	R-2	R-3	R-4	R-5	Total	Percent
All Housing Units	1989	944	990	1485	2362	2817	2584	1280	2791	1373	1747	1968	1450	1278	25,058	100.0
Tenure, Color, Vacancy Status																
Owner Occupied	587	307	346	619	1047	911	772	642	1062	546	936	700	604	448	9,527	38.01
White	238	32	61	520	86	67	416	641	1051	15	59	67	79	81	3,413	13.62
Non-White	349	275	285	99	961	844	356	1	11	531	877	633	525	367	6,114	24.39
Renter Occupied	1335	605	607	788	1247	1840	1721	594	1635	790	767	1191	813	781	14,714	58.71
White	530	45	67	646	141	78	598	594	1609	9	28	66	69	134	4,614	18.41
Non-White	805	560	540	142	1106	1762	1123	—	26	781	739	1125	744	647	10,100	40.30
Available Vacant	62	22	32	69	44	39	79	28	71	32	41	68	25	45	658	2.62
For Sale Only	5	—	—	12	4	3	4	8	10	2	7	1	2	4	62	.24
Rent	57	22	32	57	14	36	75	20	61	30	34	67	23	41	595	2.37
Other Vacant	5	10	5	9	24	27	12	16	23	5	3	9	8	4	160	.63
Condition																
Sound	1620	681	905	1459	2010	2347	2523	1177	2282	1276	1659	1726	1410	1152	22,227	88.70
Deteriorating	327	248	68	25	323	344	57	90	500	93	86	239	40	121	2,561	10.20
Dilapidated	42	15	17	1	29	126	4	13	9	4	2	3	—	5	270	1.07
Bathrooms																
One	1774	745	856	1368	1947	2446	2485	1093	2600	1057	1360	1561	1231	1148	21,671	86.48
More than One	125	148	106	108	324	321	88	172	148	203	337	305	184	125	2,694	10.75
Shared or None	90	51	28	9	91	50	11	15	43	113	50	102	35	5	693	2.76
Year Structure Built																
1950 to March 1960	8	—	13	8	—	8	9	9	8	—	4	—	—	—	67	.26
1940 to 1949	20	4	4	41	26	21	63	8	34	5	8	9	4	7	254	1.00
1939 and earlier	1961	940	973	1436	2336	2788	2512	1263	2749	1368	1735	1959	1446	1271	24,737	98.71
Heating Equipment																
Steam or Hot Water	401	291	322	235	426	833	497	137	671	278	287	637	309	154	5,478	21.86
Warm Air Furnace	1253	548	619	1171	1744	1610	1826	1096	2028	927	1322	1195	1041	923	17,303	69.05
Built-in Room Units	26	15	5	36	24	88	25	—	22	26	16	18	11	40	352	1.40
Other Means with Flue	289	90	36	43	153	244	211	47	58	133	83	99	81	142	1,709	6.82
Other Means without Flue	20	—	8	—	11	29	22	—	8	4	35	11	4	11	163	.65
None	—	—	—	—	4	13	3	—	4	5	4	8	4	8	53	.21
Persons/Room																
0.50 or less	705	296	306	670	968	1001	1001	633	1343	553	727	763	593	451	10,010	39.94
0.51 to 0.75	418	212	207	321	481	617	639	268	651	334	383	453	381	259	5,624	22.44
0.76 to 1.00	549	235	267	340	576	656	568	268	576	299	376	457	290	293	5,750	22.94
1.01 or more	250	169	173	76	269	477	285	67	127	150	217	218	153	226	2,857	11.40

* U.S. Department of Commerce, Bureau of the Census, **1960 Census of Population and Housing.**

TABLE VI: GLENVILLE AREA CHARACTERISTICS*

	Glenville	Cleveland	Cuyahoga County
EDUCATION 1960			
No High School	40.3%	44.7%	34.7%
1 to 3 Years High School	26.4%	25.2%	22.9%
Completed High School	23.5%	20.9%	25.7%
1 to 3 Years College	6.2%	5.2%	8.2%
Completed College	3.6%	4.0%	8.5%
Median Grade	10.1%	9.6%	11.0%
FAMILY INCOME 1960			
Under $3000	18.1%	17.2%	11.8%
$3000 to $3999	9.7%	7.9%	5.8%
$4000 to $4999	12.8%	11.1%	8.4%
$5000 to $6999	28.4%	27.7%	24.8%
$7000 and over	31.0%	36.1%	49.2%
Median Income	$5594	$5935	$6943
UNEMPLOYMENT†			
1960			
Male	10.0%	7.6%	5.4%
Female	9.3%	7.3%	5.5%
1965			
Male	6.9%	6.4%	3.2%
Female	12.4%	8.3%	N.A.

* U.S. Department of Commerce, Bureau of the Census, op. cit. **U.S. Census of Population and Housing 1960**; and **Special Census of Cleveland**, April 1965.

1 Council for Economic Opportunities in Greater Cleveland.

IV. HEALTH AND RELATED SOCIAL PROBLEMS

TABLE VII: SELECTED VITAL STATISTICS*
GLENVILLE, CITY OF CLEVELAND AND CUYAHOGA COUNTY

Year	Number of Births	Illegitimate Births		Teenage Illegitimate Births		Premature Births		Fetal Deaths†		Infant Deaths‡		Neonatal Deaths•		Deaths Due to Diseases of Early Infancy	
		Number	Percent+	Number	Percent+	Number	Percent+	Number	Ratio§	Number	Ratio§	Number	Ratio§	Number	Ratio§
GLENVILLE STATISTICS															
1965	1,830	491	26.83	234	12.78	280	15.30	48	2.62	62	3.38	48	2.62	42	2.29
1966	1,842	539	29.26	289	15.68	276	14.98	41	2.22	55	2.98	38	2.06	35	1.90
1967	1,778	573	32.04	317	17.72	245	13.70	47	2.62	54	3.02	37	2.06	34	1.90
1968	1,688	626	37.08	346	20.49	265	15.69	35	2.07	41	2.42	26	1.54	22	1.30
1969	1,728	645	37.32	371	21.46	256	14.81	45	2.60	50	2.89	39	2.25	N.A.	N.A.
CLEVELAND STATISTICS															
1965	17,169	2,332	13.58	1,121	6.52	1,838	10.70	316	1.84	455	2.65	331	1.92	271	1.57
1966	16,511	2,442	14.79	1,263	7.64	1,812	10.97	275	1.66	436	2.64	336	2.03	282	1.70
1967	15,540	2,588	16.65	1,368	8.80	1,748	11.24	264	1.69	387	2.49	283	1.82	226	1.45
1968	15,175	2,787	18.36	1,522	10.02	1,747	11.51	272	1.79	396	2.60	290	1.91	244	1.60
1969	15,370	3,019	19.64	1,617	10.52	1,739	11.31	242	1.57	394	2.56	302	1.96	N.A.	N.A.
CUYAHOGA COUNTY STATISTICS															
1965	31,605	2,741	8.67	N.A.		2,825	8.93	466	1.47	714	2.25	549	1.73	454	1.43
1966	31,050	2,899	9.33	N.A.		2,799	9.01	452	1.45	673	2.16	533	1.71	445	1.46
1967	29,782	3,056	10.26	N.A.		2,730	9.16	451	1.51	624	2.09	467	1.56	359	1.20
1968	29,239	3,335	11.40	N.A.		2,740	9.37	430	1.47	629	2.15	477	1.63	392	1.34
1969	29,615	N.A.	N.A.	N.A.		2,637	8.90	389	1.31	613	2.06	474	1.60	N.A.	N.A.

N.A.: Not Available

* Ohio Health Department – Annual Reports, 1965-1969. City of Cleveland Health Department – Annual Reports, 1965-1969.

\+ Percent – the number of births in a specific category as a percentage of the total births of that year in the designated area.

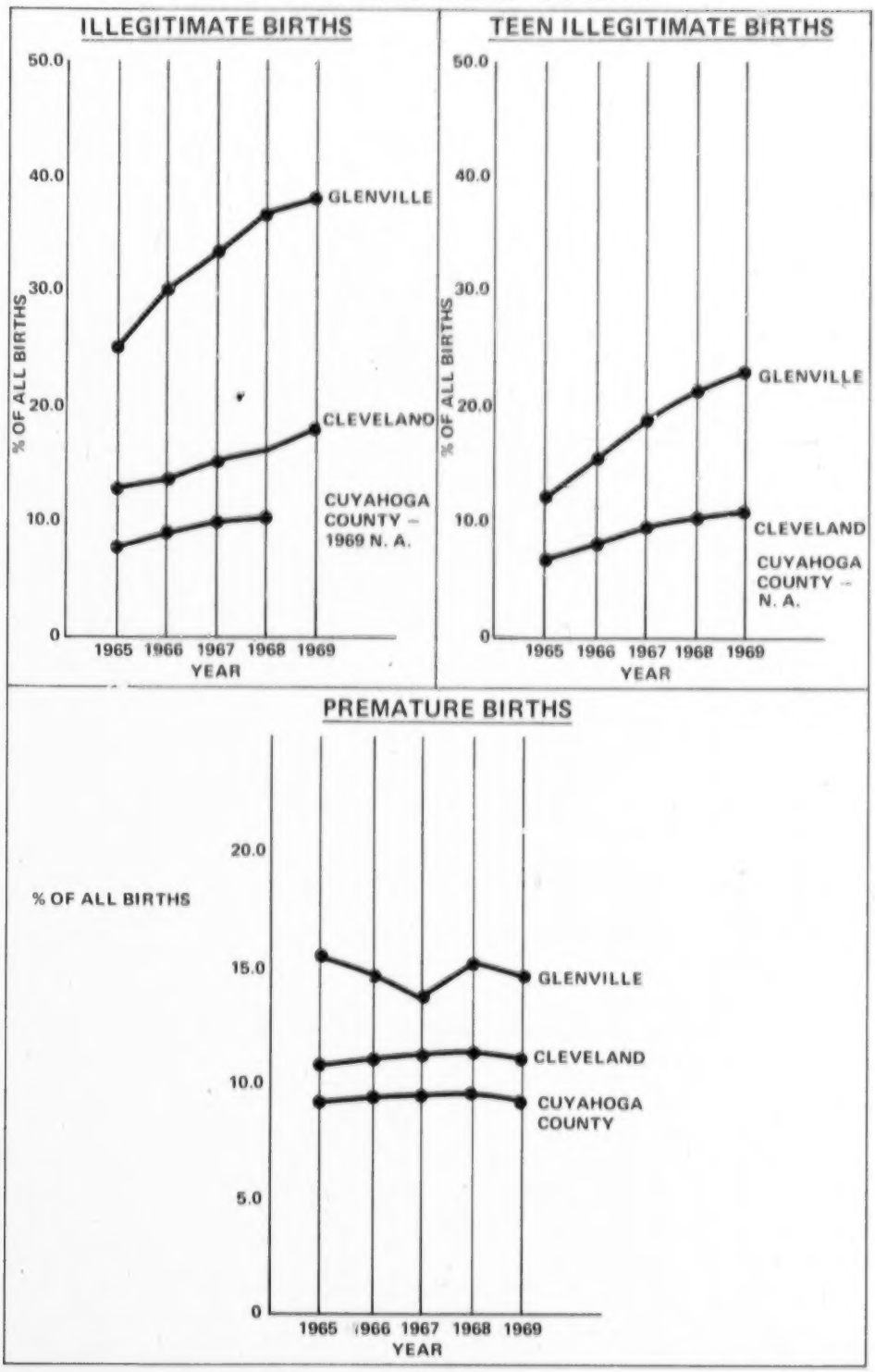
† Fetal Death (Stillbirth) – Death prior to the complete expulsion or extraction from the mother of a product of conception, of at least 20 weeks gestation.

§ Ratio – the number of deaths in a specific category to the number of births of that year in the designated area.

‡ Infant Deaths – Death of a live born infant occurring within the first year of life.

• Neonatal Deaths – Death of a live born infant occurring within the first 27 days of life.

GRAPHIC DEPICTION OF TABLE VII



GRAPHIC DEPICTION OF TABLE VII

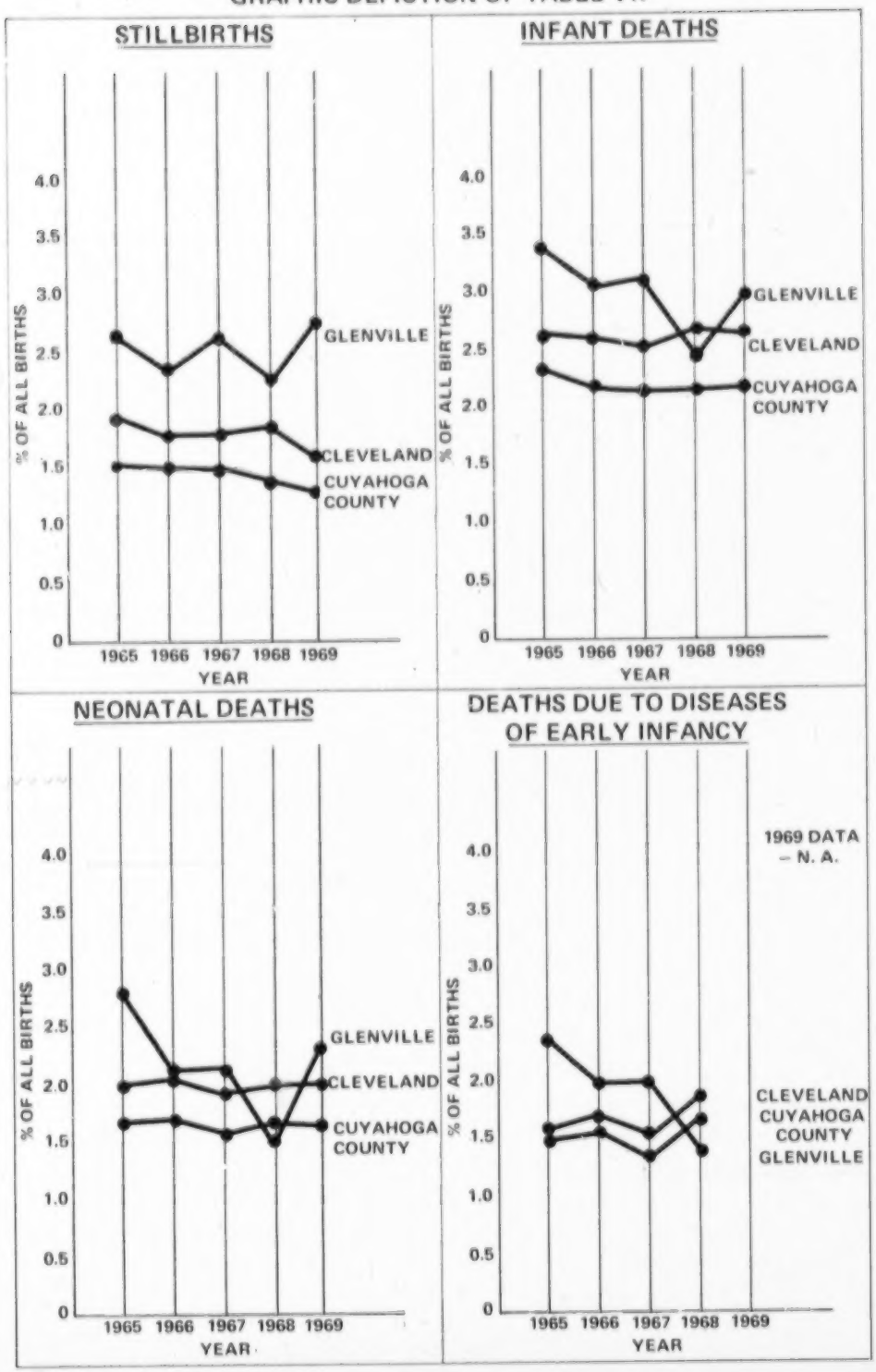


TABLE VIII: DEATHS AND DEATH RATES PER 100,000 POPULATION, FOR SELECTED CAUSES OF DEATH FOR GLENVILLE, CLEVELAND, CUYAHOGA COUNTY AND NORTHEAST OHIO – 1967*

Disease		Glenville	Cleveland (including Glenville)	Cuyahoga County (including Cleveland)	Northeast Ohio†
Heart Disease	Deaths	183	3,647	6,775	14,768
	Death Rate	248.0	442.6	381.9	351.8
Arteriosclerosis	Deaths	141	2,945	5,645	12,728
Heart Disease	Death Rate	191.1	357.4	318.2	303.1
Hypercardiovascular	Deaths	24	459	706	1,233
Disease	Death Rate	32.5	55.7	39.8	29.4
Vascular Lesions of	Deaths	47	838	1,594	3,757
Central Nervous System	Death Rate	63.7	101.7	89.9	89.5
Neoplasms	Deaths	120	1,764	3,361	6,869
	Death Rate	162.6	214.1	189.5	163.6
Diabetes Mellitus	Deaths	20	254	456	963
	Death Rate	27.1	30.8	25.7	23.0

* Northeast Ohio Regional Medical Program . . . Mortality Statistics – 1967

† Cuyahoga, Lorain, Stark, Summit, Portage, Medina, Columbiana, Mahoning, Trumbull, Ashtabula, Geauga and Lake Counties

TABLE IX: DISCHARGE STATISTICS BY SPECIFIC DISEASES OR CATEGORIES OF DISEASE FOR GLENVILLE AND NORTHEAST OHIO 1967*

Disease	Area	Discharges Number	Discharges Rate+	Average Stay Days
All Heart Disease	Glenville‡	623	844	17.0
	Northeast Ohio§	19,812	823	16.3
All Cancer	Glenville	439	595	18.7
	Northeast Ohio	12,652	525	17.8
Stroke	Glenville	117	159	34.0
	Northeast Ohio	4,509	187	24.5
Rheumatic Fever	Glenville	15	20	12.7
	Northeast Ohio	434	18	11.8
Hypertension	Glenville	98	133	14.4
	Northeast Ohio	2,460	102	11.5

* Northeast Ohio Regional Medical Program, **Hospital Discharge Survey**

\+ Rate per 100,000 residents

‡ Postal Zone 8

§ Cuyahoga, Lake, Geauga, Ashtabula and Lorain Counties

TABLE IX (continued)

Disease	Area	Discharges Number	Discharges Rate+	Average Stay Days
Chronic Bronchitis and Emphysema	Glenville‡	50	68	16.2
	Northeast Ohio§	1,992	83	15.2
Nephritis, Nephrosis and Renal Infections	Glenville	179	243	20.2
	Northeast Ohio	6,393	270	8.7
General Arteriosclerosis	Glenville	26	35	35.7
	Northeast Ohio	1,689	70	17.7
Diabetes Mellitus	Glenville	206	279	19.9
	Northeast Ohio	5,302	220	16.1
Rheumatic Heart Disease	Glenville	26	35	10.2
	Northeast Ohio	1,042	43	13.1
Arteriosclerosis excluding Myocardial Infarction	Glenville	156	211	19.0
	Northeast Ohio	9,050	376	14.6
Myocardial Infarction	Glenville	93	126	20.2
	Northeast Ohio	3,989	166	21.7
Hypocardiovascular Disease	Glenville	107	145	25.0
	Northeast Ohio	1,922	80	15.2
Other Heart Disease	Glenville	241	327	11.5
	Northeast Ohio	3,809	158	16.0
Gastrointestinal Malignancies	Glenville	87	118	31.0
	Northeast Ohio	2,337	97	23.5
Polmonary Malignancies	Glenville	51	69	22.5
	Northeast Ohio	1,203	50	20.3
Malignancies of Breast	Glenville	39	53	12.8
	Northeast Ohio	1,391	58	16.6
Carcinoma Female Genitals	Glenville	65	88	10.2
	Northeast Ohio	1,730	72	12.1
Carcinoma Prostrate	Glenville	62	84	26.5
	Northeast Ohio	1,746	73	15.0
Leukemia and Lymphoma	Glenville	53	72	19.0
	Northeast Ohio	1,250	52	17.7

There were 351 newly reported active tuberculosis cases in Cuyahoga County during 1969. Forty-four or 12.5% of these were from the Glenville area. There were 380 newly reported non-active tuberculosis cases in the County. Of this number, 26 or 6.85% were from the Glenville area.¶

* Northeast Ohio Regional Medical Program, **Hospital Discharge Survey**

\+ Rate per 100,000 residents

‡ Postal Zone 8

§ Cuyahoga, Lake, Geauga, Ashtabula and Lorain Counties

¶ U.S. Department of Commerce, Bureau of the Census, **U.S. Census of Population and Housing, 1960** as cited by the Tuberculosis and Respiratory Disease Association of Cleveland, Ohio.

TABLE X: PERCENTAGE DISTRIBUTION OF HOSPITAL DISCHARGES*

Hospital	Percent distribution of all black patients discharged to Cuyahoga County, by hospital, in 1967	Percent distribution of all patients discharged to Postal Zone 8 by hospital, 1967-1969
University Hospitals	23.6	32.3
Cleveland Metropolitan General Hospital	14.4	9.8
Mt. Sinai Hospital	12.8	17.3
Forest City Hospital	8.0	15.4
Sub-total of all above	**58.8**	**74.8**
St. Luke's Hospital†	9.2	3.4*
Polyclinic Hospital	4.4	4.2
St. Vincent Charity Hospital	4.7	2.8
Huron Road Hospital	2.5	4.5
St. Ann Hospital	3.0	2.6
Sub-total of all above	**82.6**	**92.3**
Other Hospitals	17.4	7.7
TOTAL	**100.0%**	**100.0%**

TABLE XI: PERCENT OF ALL DISCHARGES BY EACH HOSPITAL WHO WERE DISCHARGED TO POSTAL ZONE 8

University Hospitals	10.91
Cleveland Metropolitan General Hospital	6.93
Mt. Sinai Hospital	8.30
Forest City Hospital	42.06
St. Luke's Hospital	N.A.‡
Polyclinic Hospital	9.82
St. Vincent Charity Hospital	2.59
Huron Road Hospital	3.43
St. Ann Hospital	4.26

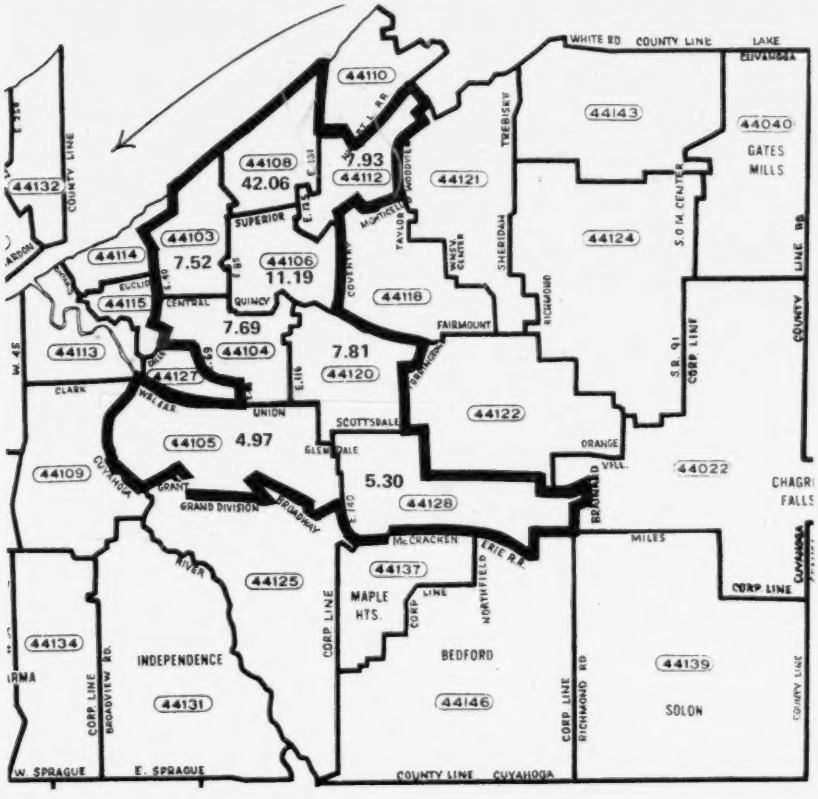
* Blue Cross data, QUEST Program, 1967

† Estimated – does not participate in QUEST data program

‡ N.A. – Not Available – does not participate in QUEST data program

TABLE XII: HOSPITAL DISCHARGES (IN-PATIENT) FROM FOREST CITY HOSPITAL TO VARIOUS POSTAL ZONES 1967 – 1969

Postal Zone	1967 Number	1967 Percent	1968 Number	1968 Percent	1969 Number	1969 Percent	1967, 1968, 1969 Total Number	1967, 1968, 1969 Total Percent
44103	244	6.8	264	7.39	310	8.34	8.8	7.52
04	264	7.4	282	7.89	290	7.80	836	7.69
05	184	5.1	169	4.73	188	5.05	541	4.97
06	477	13.3	376	10.52	364	9.79	1,217	11.19
08	1,543	43.1	1,510	42.28	1,520	40.90	4,573	42.06
12	243	6.8	296	8.28	323	8.69	862	7.93
20	286	8.0	280	7.84	284	7.64	850	7.81
28	188	5.2	186	5.20	203	5.46	577	5.30
Sub-Total	**3,429**	**95.7**	**3,363**	**94.13**	**3,482**	**93.67**	**10,274**	**94.47**
All Other Postal Zones	154	4.3	208	5.82	234	6.29	596	5.48
TOTAL	**3,583**	**100.0**	**3,571**	**100.00**	**3,716**	**100.00**	**10,870**	**100.00**



V. RESOURCES

PHYSICIANS' OFFICES LOCATED IN GLENVILLE*

Name	Specialty	Office Address	Hospital Privileges
Angell, E. O., D.O.†	General Practice	10518 St. Clair	Richmond Heights
Baumgardner, Luther, M.D.	Surgery-General Practice	1464 East 105th Street	Forest City Mt. Sinai
Brown, Joseph E., M.D.	General Practice	10420 Somerset Street	Cleveland Clinic
Burns, Arthur E., M.D.	Pediatrics	1464 East 105th Street	Metropolitan General University
Davis, Jr., Sylvester S., M.D.	Obstetrics-Gynecology	1464 East 105th Street	St. Luke's University
Hall, William M., M.D.	General Practice	785 East 105th Street	None listed
Hatcher, William, M.D.	General Practice	1257 East 105th Street	None listed
King, Jr., Drue, M.D.	Internal Medicine	1464 East 105th Street	Mt. Sinai St. Luke's

* The Academy of Medicine of Cleveland, **Medical Directory 1970-71**, pp. 1-134.
† The Cleveland Academy of Osteopathic Medicine, **Membership** Roster 1969-70.

PHYSICIANS' OFFICES LOCATED IN GLENVILLE* (continued)

Name	Specialty	Office Address	Hospital Privileges
Lavine, Norman, M.D.	General Practice	1492 East 105th Street	St. Vincent
Lin, Ku Yin, M.D.	Pathology	701 Parkwood	Forest City
Martin, Joseph P., M.D.	Obstetrics-Gynecology	1464 East 105th Street	Mt. Sinai University
Myers, Govan A., M.D.	General Practice	1025 East Boulevard	Forest City
Polk, Elijah, M.D.	General Practice	12428 St. Clair	Forest City
Ross, Ronald J., M.D.	Radiology	701 Parkwood	Veterans Administration Forest City
Sabio, Jr., Andreas R., M.D.	Surgery-General Practice	701 Parkwood	Forest City
Sacks, Maurice D., M.D.	Radiology	701 Parkwood	Forest City Veterans Administration
Scott, William C., M.D.	Pediatrics	10518 St. Clair	Forest City
Stephens, Jr., Timothy, M.D.	Orthopedic Surgery	1464 East 105th Street	Forest City

* The Academy of Medicine of Cleveland, **Medical Directory 1970-71**, pp. 1-134.

PHYSICIANS' OFFICES LOCATED IN GLENVILLE* (continued)

Name	Specialty	Office Address	Hospital Privileges
Valencia, Celedonio C., M.D.	General Practice	701 Parkwood	Forest City
Ward, Creed F., M.D.	Pediatrics	1488 East 105th Street	St. Luke's University
Wilkerson, Edward L., M.D.	Surgery	1464 East 105th Street	Forest City University

Total Practices‡	
General Practice	10
Surgery	4
Pediatrics	3
Ob-Gyn	2
Radiology	2
Internal Medicine	1
Pathology	1

Total Affiliations	
Forest City Hospital	11
University Hospitals	5
St. Luke's Hospital	3
Mt. Sinai Hospital	3
Veterans Administration Hospital	2
St. Vincent Charity Hospital	1
Cleveland Metropolitan General Hospital	1
Richmond Heights Hospital	1
Cleveland Clinic Hospital	1
Total	28

Hospital Affiliations	
Number of Hospital Affiliations	Number of Physicians
2 or more	9
1	10
0	2

* The Academy of Medicine of Cleveland, **Medical Directory 1970-71**, pp. 1-134

‡ Two physicians record combined surgery and general practice.

Glenville Physicians' Offices

Bratenahl
Lake Shore Country Club
Ninemile Cr
CENTRAL
CLEVELAND
NEW YORK
Aquarium
GORDON PARK
ROCKEFELLER PARK
Cultural Gardens
Glenville High Sch
Playground
Patrick Henry Jr High Sch
Columbia Sch
Standish Sch
Cory Ch
Davis Jr High Sch
East High Sch
Wade Park
Museum
Institute of Art
Library
Women's Hosp
Clinic Hospital
VA HOSP
University Hospitals
WESTERN RESERVE UNIVERSITY
CASE INSTITUTE OF TECHNOLOGY
LAKE VIEW CEMETERY
Garfield Monu
Doctors Hospital
Cedar Hill Sch
CHICAGO
RAPID TRANSIT
YMCA
Library
Fire Sta
Playground
Rapid Tower
Station
Mayfair Sch
Rozelle Sch
Parkwood Sch
Chesterfield Sch
Roxboro Sch
Murray Hill Sch
Iowa Maple Sch
Hazeldell Sch
Holloway Sch
St Aloysius Sch
Pasteur Sch
Empire Jr High Sch
Bowman Sch
Addison Jr Hi S
Martin Sch
Orr Sch
Rough Sch
Attucks Sch
Ellison Sch
Wade Park Sch
St Francis Sch
St Madison Sch
St Agatha Sch
St Zion
Water Tank
Park
Playground
Fire Sta
Rapid Tower
Station
Institute of
Museum
Wade Park
Library
Hospital
Clinic Hospital
High Sch
Cedar Hill Sch
Doctors Hospital
Garfield Monu

DENTISTS' OFFICES LOCATED IN GLENVILLE*

Adams, R. H., D.D.S.	1464 East 105th Street
Baccus, H. J., Jr., D.D.S.	1257 East 105th Street
Banks, S. O., Jr., D.D.S.	1464 East 105th Street
Bryant, Roger L., D.D.S.	10427 St. Clair Avenue
Harris, R. A., D.D.S.	1013 East 105th Street
Holtzclaw, O. L., D.D.S.	9306 Parmalee Avenue
Houdek, C. B., D.D.S.	558 East 109th Street
Kanter, S., D.D.S.	12428 St. Clair Avenue
Knight, E. A., D.D.S.	10824 St. Clair Avenue
Lane, W. F., D.D.S.	1554 East 105th Street
Lee, James R., D.D.S.	10113 Pierpont Avenue
Mason, Erwin P., D.D.S.	1139 East 123rd Street
McQueen, E. J., D.D.S.	10518 St. Clair Avenue
Morton, R. H., D.D.S.	1251 East 105th Street
Rosen, O. A., D.D.S.	582 Eddy Road
Thompson, H. E., D.D.S.	635 East 108th Street
Twarry, S. U., D.D.S.	584 East 118th Street
Walker, W., D.D.S.	12107 Superior Avenue

* American Dental Association, **1970 American Dental Association Directory**

Glenville Dentists' Offices

HEALTH FACILITIES LOCATED IN GLENVILLE AREA*

NAME & ADDRESS	TYPE OF HOME	SOURCE OF FUNDING	BEDS Ambulatory	BEDS Hospital	BEDS Total
NURSING HOMES					
Amasa Stone House 975 East Boulevard	Home for the aged	Philanthropic	42	20	62
Forest Hills Nursing Home 736 Lakeview	Nursing Home	Proprietary	0	250	250
Lakeview Road Nursing Home 814-20 Lakeview Road	Nursing Home	Proprietary	29	20	49
Marietta Manor 694 East 107th Street	Nursing Home	Proprietary	15	0	15
Mary Louise Nursing Home 670 Lakeview Road	Nursing Home	Proprietary	0	11	11
			42	164	206
HOSPITALS					
Forest City Hospital 701 Parkwood Drive	--	Voluntary, Non-Profit	--	102	102
OTHER HEALTH FACILITIES					
J. Glen Smith Health Center 11100 St. Clair	--	City of Cleveland	--	--	--
Department of Health	--	City of Cleveland	--	--	--
Maternal and Infant Care Project	--	Cuyahoga County	--	--	--
Visiting Nurse Association	--	Voluntary, Non-Profit	--	--	--

* Metropolitan Health Planning Corporation, **Health Facilities Inventory**, Cleveland, Ohio, June, 1971

Glenville Health Facilities

HC – HEALTH CENTER
NH – NURSING HOME

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